

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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SHEET 1 of 6

Complete if Known

Application Number	10/583,105
Filing Date	6/15/2006
First Named Inventor	Nadarajah Narendran
Art Unit	2875
Examiner Name	
Attorney Docket No.	RPI-134US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-3,760,237	09/18/1973	Jaffe	
		US-3,763,405	10/02/1973	Mitsuhata	
		US-5,208,462	05/04/1993	O'Connor, et al.	
		US-5,477,430	12/19/1995	LaRose	
		US-5,499,138	03/12/1996	Iba	
		US-5,777,433	07/07/1998	Lester et al.	
		US-5,808,409	09/15/1998	Matsuda et al.	
		US-5,813,753	09/29/1998	Vriens et al.	
		US-5,847,507	12/08/1998	Butterworth et al.	
		US-5,962,971	10/05/1999	Chen	
		US-5,998,925	12/07/1999	Shimizu et al.	
		US-6,007,209	12/28/1999	Pelka	
		US-6,066,861	05/23/2000	Höhn et al.	
		US-6,068,383	05/30/2000	Robertson et al.	
		US-6,084,250	07/04/2000	Jüstel et al.	
		US-6,096,496	08/01/2000	Frankel	
		US-6,155,699	12/05/2000	Miller et al.	
		US-6,245,259	06/12/2001	Höhn et al.	
		US-6,294,800	09/25/2001	Duggal et al.	
		US-6,357,889	03/19/2002	Duggal et al.	

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		JP 2001-243807	09/07/2001	Mitsubishi Electric Lighting Corp.		<input type="checkbox"/>
		JP 2001-243821	09/07/2001	Mitsubishi Electric Lighting Corp.		

Examiner Signature	/Sharon Payne/	Date Considered	10/30/2008
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		US-6,469,322	10/22/2002	Srivastava et al.	
		US-6,483,196	11/19/2002	Wojnarowski et al.	
		US-6,576,930	06/10/2003	Reeh et al.	
		US-6,614,170	09/02/2003	Wang et al.	
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		US-6,793,374	09/21/2004	Begemann	
		US-6,796,690	09/28/2004	Bohlander	
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		US-7,026,656	04/11/2006	Lin et al.	
		US-7,040,774	05/09/2006	Beeson et al.	
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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		JP 2002-299694	10/11/2002	Mitsubishi Electric Lighting Corp		<input type="checkbox"/>
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SHEET 3 of 6

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		Number - Kind Code ² (if known)			
		US-7,049,740	05/23/2006	Takekuma	
		US-7,052,152	05/30/2006	Harbers et al.	
		US-2002/0003233	01/10/2002	Mueller-Mach et al.	
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		US-2003/0189829	10/09/2003	Shimizu et al.	
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		US-2004/0116033	06/17/2004	Ouderkirk et al.	
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		US-2005/0093430	05/05/2005	Ibbetson et al.	

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		JP 2004-055160	02/19/2004	Mitsubishi Electric Lighting Corp.		<input type="checkbox"/>
		JP 2004-055229	02/19/2004	Mitsubishi Electric Lighting Corp.		<input type="checkbox"/>
Examiner Signature		/Sharon Payne/			Date Considered	10/30/2008

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First Named Inventor	Nadarajah Narendran
Art Unit	2875
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Attorney Docket No.	RPI-134US

SHEET 4 of 6**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-2005/0116635	06/02/2005	Walson et al.	
		US-2005/0117125	06/02/2005	Minano et al.	
		US-2005/0117366	06/02/2005	Simbal	
		US-2005/0135117	06/23/2005	Lamb et al.	
		US-2005/0162849	07/28/2005	Keuper	
		US-2005/0174775	08/11/2005	Conner	
		US-2005/0185419	08/25/2005	Holman et al.	
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		US-2005/0219476	10/06/2005	Beeson et al.	
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		US-2006/0034082	02/16/2006	Park et al.	
		US-2006/0044523	03/02/2006	Teijido et al.	
		US-2006/0049416	03/09/2006	Baretz et al.	
		US-2006/0066192	03/30/2006	Beeson et al.	
		US-2006/0067078	03/30/2006	Beeson et al.	

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SHEET 5 of 6

U.S. PATENT DOCUMENTS

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/Sharon Payne/

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NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		AKOS BORBELY, ET AL., Prediction of Light Extraction Efficiency of LEDs by Ray Trace Simulation, Third International Conference on Solid State Lighting, Proc. of SPIE Vol. 5187, pp. 301-308 (2004)*	<input type="checkbox"/>
		D.A. VANDERWATER ET AL., High-Brightness AlGaInP Light Emitting Diodes, Proceedings of the IEE, Vol. 85, No. 11, November 1997, pp. 1752-1764	<input type="checkbox"/>
		KENICHI YAMADA ET AL., Optical Simulation of Light Source Devices Composed of Blue LEDs and YAG Phosphor, J. Light & Vis. Env. Vol. 27, No. 2, 2003, pp 70-74	<input type="checkbox"/>
		N. NARENDRAN ET AL., Solid-state Lighting: failure analysis of white LEDs, Journal of Crystal Growth, 268 (2004) pp -449-456	<input type="checkbox"/>
		M. ARIK ET AL., Effects of Localized Heat Generations Due to the Color Conversion in Phosphor Particles and Layers of High Brightness Light Emitting Diodes, American Society of Mechanical Engineers (ASME), Proceedings of InterPACK '03, International Electronic Packaging Technical Conference and Exhibition, Maui, Hawaii, July 2003, pp 1-9, title page, copyright page and abstract page.	<input type="checkbox"/>
			<input type="checkbox"/>
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			<input type="checkbox"/>

Examiner
Signature

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